

OFFICIAL

Phone: 510 337 7871  
Fax: 510 337 7877

2033 Clement Ave., Suite 200  
Alameda, CA 94501  
Internet address: www.quinelaw.com  
Email: jaquine@quinelaw.com

**Quine Intellectual  
Property Law Group,  
P.C.**

# Fax

**PERSONAL AND CONFIDENTIAL**

<b>To:</b> Examiner John S. Brusca	<b>From:</b> Christopher C. Sappenfield
<b>Fax:</b> 703-872-9306	<b>Date:</b> April 28, 2004
<b>Phone:</b> 703-308-0196	<b>Pages:</b> 15 (including cover)
<b>Re:</b> Application No. 09/776,233	<b>Our File:</b> 33-000320US
<input type="checkbox"/> Urgent <input checked="" type="checkbox"/> For Review <input type="checkbox"/> Please Comment <input checked="" type="checkbox"/> Please Reply <input type="checkbox"/> Please Recycle	

**•Comments:**

PLEASE SEE THE ATTACHED.

If you should encounter any difficulties in the transmission of this facsimile, please call Deborah Berwick at (510) 337-7871 ext. 242.

IMPORTANT: This message is intended only for the use of the individual or entity to which it is addressed and may contain information that is privileged, confidential, and/or exempt from disclosure by applicable law or court order. If the reader of this message is not the intended recipient, or the employee or agent responsible for delivering the message to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this communication is strictly prohibited. If you have received this communication in error, please notify us immediately by telephone and return the original message to us at the above Alameda address via the United States Postal Service. Thank you.

## CERTIFICATE OF TRANSMISSION

I hereby certify that this correspondence is being sent to the USPTO via Facsimile Transmission to Fax number 703-872-9306 on April 28, 2004.

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.

By: 

Deborah Berwick

Attorney Docket No. 33-000320US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Nikolai F. Sepetov et al.

Examiner: John S. Brusca

Application No.: 09/776,233

Art Unit: 1631

Filed: February 2, 2001

## COMMUNICATION TO THE EXAMINER

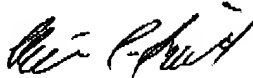
For: NONREDUNDANT SPLIT/POOL  
SYNTHESIS OF COMBINATORIAL  
LIBRARIES

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Per our telephone discussion today, enclosed for your consideration is a translated version of the article, Merrifield (1985) "Solid phase synthesis (Nobel Lecture)" Angew. Chem. 97:801, which was included in an Information Disclosure Statement filed on July 10, 2001 with respect to the above-identified application. Also, enclosed for your convenience is an unsigned copy of Form PTO/SB/08A-B from the Information Disclosure Statement filed of July 10, 2001, which includes an entry for the article referred to above.

Respectfully submitted,



Christopher C. Sappenfield  
Reg. No: 45,073

QUINE INTELLECTUAL PROPERTY LAW GROUP, P.C.  
P.O. BOX 458  
Alameda, CA 94501  
(510) 337-7871  
Fax (510) 337-7877

OFFICIAL

COPY

(Modified) PTO/SB/08A-B (10-98)  
Approved for use through 10/31/99. OMB 0651-0031

Substitute for form 1449A-B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(use as many sheets as necessary)</i>	Complete if Known	
	Application Number	09/776233
	Filing Date	February 2, 2001
	First Named Inventor	Nikolai F. Sepetov
	Group Art Unit	Unassigned
	Examiner Name	Unassigned
	Attorney Docket Number	33-000320US

BB	Lam et al. (1997) "The 'one-bead-one-compound' combinatorial library method," <u>Chem. Rev.</u> 97:411-448
BC	Lewis et al. (2000) "Automated high-throughput quantification of combinatorial arrays," <u>American Pharmaceutical Review</u> 3:63-68
BD	McGregor and Muskal (1999) "Pharmacophore fingerprinting I. application to QSAR and focused library design," <u>J. Chem. Inf. Comput. Sci.</u> 39:569-574
BE	Meldal (1992) "PEGA: A flow stable polyethylene glycol dimethyl acryamide copolymer for solid phase synthesis," <u>Tetrahedron Lett.</u> 33:3077
BF	Merrifield (1985) "Solid phase synthesis (Nobel lecture)," <u>Angew. Chem.</u> 97:801
BG	Metzger et al. (1993) "Ion-spray mass spectrometry and high-performance liquid chromatography. Mass spectrometry of synthetic peptide libraries," <u>Angew. Chem. Int. Ed.</u> 32:894-896
BH	Moran et al. (1995) <u>J. Am. Chem. Soc.</u> 117:10787-10788
BI	Newcomb et al. (1998) "Analysis of 9-fluorenylmethoxycarbonyl (Fmoc) loading of solid-phase synthesis resins by gas chromatography," <u>Biotech. Bioeng. (Comb. Chem.)</u> 61:55-60
BJ	Nicolaou et al. (1995) <u>Angew. Chem. Int. Ed. Engl.</u> 34:24-2479
BK	North (2000) "Implementation of analytical technologies in a pharmaceutical development organization-looking into the next millennium," <u>Journal of Automated Methods and Management in Chemistry</u> 22:41-45
BL	Pickett et al. (1998) "Strategies for the design and comparison of combinatorial libraries using pharmacophoric descriptors," <u>J. Chem. Inf. Comput. Sci.</u> 38:144-150
BM	Pirrung et al., Pirrung (1997) "Spatially addressable combinatorial libraries," <u>Chem. Rev.</u> 97:473-488
BN	Schriemer et al. (1998) "Microscale Frontal Affinity-Chromatography with Mass-Spectrometric Detection - A New Method for the Screening of Compound Libraries," <u>Angew. Chem. Int. Ed.</u> 37(24):3383-3387
BO	Stevanovic and Jung (1993) "Multiple sequence analysis: Pool sequencing of synthetic and natural peptide libraries," <u>Anal. Biochem.</u> 212:212-220
BP	van Breemen et al. (1997) "Pulsed ultrafiltration mass spectrometry: A new method for screening combinatorial libraries," <u>Anal. Chem.</u> 69:2159-2164
BQ	Wilson-Lingardo et al. (1996) "Deconvolution of combinatorial libraries for drug discovery: experimental comparison of pooling strategies," <u>J. Med. Chem.</u> 39:2720-2726

Examiner Signature	Date Considered
--------------------	-----------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.